

Southern Sierra Regional Information

Primary Watersheds (Planning Units):

- San Joaquin River
- Kings River
- Kaweah River
- Tule River
- Deer Creek
- White River
- Poso Creek
- Kern River

Primary Watershed Information:

- San Joaquin River
 - Managing entities
 - Sierra RCD
 - Watershed coordinators
 - So Cal Edison
 - Fresno Co
 - Ditch Companies
 - Water Districts?
 - Friant Water Users
 - National Park Service - wilderness
 - Existing water management planning, , etc
 - Groundwater management plan
 - USJR Watershed assessment
 - Watershed coordination and outreach, studies?
 - Millerton Area Plan
 - Fresno County, Madera County GP
 - Madera IRWMP
 - Forest and Park Plans
 - Meadow ranking on Sierra National Forest
 - So Cal Edison Forest Management Plan, THPs
 - Revive the San Joaquin's River Health Assessment
 - Capacity – highest capacity watershed in the region
 - Ongoing Projects

- Meadow restoration on the Sierra National Forest
 - THPs
 - Prescribed fires
 - PSW Research Station – watershed management
 - Watershed Issues
 - Flooding downstream
 - Wildfire
 - Wildlife connectivity
 - Groundwater availability, quality and management
 - Land use and water quality, quantity, etc.
 - Projects Needed
 - Meadow restoration
 - Fuel breaks and fuel treatments
 - Comprehensive water study
 - Riparian restoration
- Kings River
 - Managing entities
 - Sierra RCD
 - PG&E
 - Ditch Companies
 - Water districts?
 - Kings River Conservation District
 - Kings River Water Association/Users
 - Upper Kings River Forum (IRWMP)
 - National Park Service – wilderness headwaters
 - Existing water management planning , etc
 - Forest and Park Plans
 - Fresno County GP
 - Eastern Fresno County groundwater management plan
 - Capacity – Limited capacity
 - Ongoing Projects
 - Watershed Issues
 - Flooding downstream
 - Wildfire
 - Wildlife connectivity
 - Groundwater availability, quality and management

- Well water quantities, management, county zoning
 - Land use and water quality, quantity, etc
 - Invasive species
- Projects Needed
 - Meadow restoration
 - Fuel breaks and fuel treatments
 - Comprehensive water study
 - Riparian restoration
 - Invasive species removal
- Kaweah River
 - Managing entities
 - Tulare County RCD
 - Edison
 - Ditch Companies
 - Alta Acres, and XX Water districts
 - National Park Service
 - Existing water management planning, , etc
 - Forest Plans
 - Fresno County GP
 - Capacity – Limited
 - Ongoing Projects
 - Monitoring groundwater in Dry Creek
 - Watershed Issues
 - Flooding downstream
 - Wildfire
 - Wildlife connectivity
 - Groundwater availability, quality and management
 - Wells in floodplains dewatering streams
 - Invasive species
 - Leaky infrastructure
 - Land use and water quality, quantity, etc
 - Projects Needed
 - Meadow restoration
 - Fuel breaks and fuel treatments
 - Comprehensive water study
 - Riparian restoration

- Invasive species removal
- Tule River
 - Managing entities
 - Tulare County RCD
 - Edison
 - Ditch Companies
 - Springville PUD
 - SEQF
 - Existing water management planning, , etc
 - Forest Plans
 - Tulare County GP
 - Capacity – highest capacity watershed in the region
 - Ongoing Projects?
 - Watershed Issues
 - Flooding downstream
 - Wildfire
 - Wildlife connectivity
 - Groundwater availability, quality and management
 - Moratorium on new hookups for SPUD
 - Invasive species
 - Leaky infrastructure
 - Land use and water quality, quantity, etc
 - Projects Needed
 - Meadow restoration
 - Fuel breaks and fuel treatments
 - Comprehensive water study
 - Riparian restoration
 - Invasive species removal
- Deer Creek
 - Managing entities
 - Tulare County RCD
 - PG&E
 - Ditch Companies
 - Deer Creek Hydroelectric
 - Existing water management planning, , etc

- Forest Plans
 - Tulare County GP
 - Capacity – very limited
 - Ongoing Projects
 - Restoration along Deer Creek at the Mourve Preserve
 - Watershed Issues
 - Flooding
 - Wildfire
 - Wildlife connectivity
 - Grazing management along stream courses
 - Groundwater availability, quality and management
 - Land use and water quality, quantity, etc
 - Projects Needed
 - Meadow restoration
 - Fuel breaks and fuel treatments
 - Comprehensive water study
 - Riparian restoration
 - Invasive species removal
 - Flood control or mitigation
- White River
 - Managing entities
 - Tulare County RCD
 - Edison
 - Ditch Companies
 - Water districts?
 - Existing water management planning, , etc
 - Forest Plans
 - Fresno County GP
 - Capacity – very low capacity
 - Ongoing Projects
 - Projects Needed
 - Meadow restoration
 - Fuel breaks and fuel treatments
 - Comprehensive water study
 - Riparian restoration
 - Flood control or mitigation

- Poso Creek
 - Managing entities
 - Poso Creek IRWMP/Kern County Water Agency
 - Tulare County RCD
 - So Cal Edison
 - Ditch Companies
 - Water district
 - Sugarloaf Mutual Water Company
 - Existing water management planning, , etc
 - Forest Plans
 - Tulare County GP
 - Capacity – very limited
 - Ongoing Projects
 - Dam desired by Poso IRWM Group
 - Watershed Issues
 - Flooding downstream
 - Wildfire
 - Wildlife connectivity
 - Groundwater availability, quality and management
 - Land use and water quality, quantity, etc
 - Projects Needed
 - Meadow restoration
 - Fuel breaks and fuel treatments
 - Comprehensive water study
 - Riparian restoration
 - Invasive species removal
- Kern River
 - Managing entities
 - Desert and Mountain RC&D
 - PG&E
 - Cal Water
 - Ditch Companies
 - Water districts
 - Kern County Water Agency
 - Existing water management planning, , etc

- Forest Plans
 - Tulare County GP
- Capacity – medium capacity
- Ongoing Projects
 - Upper Kern River recreation management
 - Watershed Coordinator – water sampling
 - Kern River Fishery Management Plan
- Watershed Issues
 - Flooding downstream after disturbance such as wildfire
 - Reduced water quality because of recreation impacts
 - Three species of endangered trout
 - Wildfire
 - Wildlife connectivity
 - Groundwater availability, quality and management
 - Land use and water quality, quantity, etc
 - Invasive species
- Projects Needed
 - Meadow restoration
 - Fuel breaks and fuel treatments
 - Comprehensive water study
 - Riparian restoration
 - Recreation management
 - Invasive species removal

Participant Information:

- Springville PUD
 - Springville Public Utility District (SPUD) provides treated water and sanitary sewer services to 1,300 residents in the community of Springville California. SPUD's water treatment plants are located on the Middle Fork of the Upper Tule River in rural southeastern Tulare County. The community is situated in foothills at 1,100 feet elevation on the

western slope of the Sierra Nevada Mountains adjacent to the Sequoia National Monument, which provides a surface water source for our community needs.

SPUD serves 389 metered water customers and 375 sanitary sewer connected customers.

Our service area spans from the Springville Sierra Rodeo grounds to the landmark White Barn at Balch park Road along State Highway 190.

Established since 1924 as a California Special Utility District, SPUD is committed to improving the quality of life for those we serve by:

- o Providing fair, equitable and timely service to our customers
- o Planning constructively to meet our customers' needs for tomorrow
- o Contributing to the health and safety of our community, present and future

- Sequoia Riverlands Trust
- Sierra RCD

Who is doing what in the Region?

Note: Regional Water Quality Control Board, EPA collects data in most watersheds.

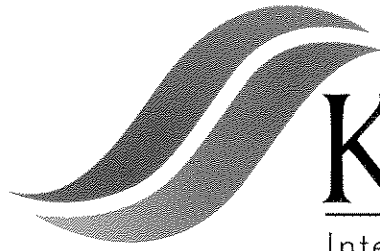
Primary Watersheds (Planning Units):

- **San Joaquin River**
 - o Collaboration/public involvement
 - Sierra RCD - Groundwater management plan for eastern Fresno Co (must have BOS approval and will conduct stakeholder meetings).
 - Upper San Joaquin River Forum
 - o Data Collection and Sharing
 - USFS Sierra NF
 - Fresno County
 - o Studies and Research
 - Upper SJR
 - Millerton plan
- **Kings River**
 - o Collaboration/public involvement

- Groundwater management plan for eastern Fresno Co (must have BOS approval and will conduct stakeholder meetings).
 - Upper Kings River Forum – IRWM planning
 - Kings River Conservancy – watershed protection and planning
 - Sierra Nevada Conservancy – regional analysis, etc
- Data Collection and Sharing
 - Fresno State – graduate research on fish and the effect of riparian areas on water quality.
 - PSW Research Station – watershed management and stream water quality, quantity
 - Kings River Conservation District
 - Kings River Conservancy
 - Sierra Nevada Conservancy
- Studies and Research
 - PSW Research Station
 - Kings River Conservation District
 - Fresno State University
- **Kaweah River**
 - Collaboration/public involvement
 - NPS – SEKI
 - BLM – Caliente management plan
 - Tulare County
 - Sequoia Riverlands Trust –symposium
 - Sierra Nevada Conservancy – regional analysis
 - Data Collection and Sharing
 - Southern Sierra Partnership
 - Sequoia Riverlands Trust - land protection planning, well water monitoring, watershed impacts of grazing.
 - NPS – SEKI – many research projects, frog restoration via trout removal in high elevation lakes.
 - Tulare County – Three Rivers Community plan
 - Flyfishers for Conservation – Big Meadows bug data after restoration

- Studies and Research
 - Tulare County – Three Rivers Community plan
 - NPS – SEKI
 - Southern Sierra Partnership – climate change adaptation, ecosystem services, etc
- **Tule River**
 - Collaboration/public involvement
 - NPS – SEKI
 - Tulare County
 - Watershed partnership: CSET, USFS, Sierra Nevada Conservancy
 - Data Collection and Sharing
 - Southern Sierra Partnership - climate change adaptation, ecosystem services, etc
 - USFS – meadows, streams
 - Studies and Research
 - USFS – streams, etc.
- **Deer Creek**
 - Collaboration/public involvement
 - USFS – forest management
 - Tulare County – General Plan
 - Data Collection and Sharing
 - Southern Sierra Partnership - climate change adaptation, ecosystem services, etc
 - USFS
 - Studies and Research
 - USFS
- **White River**
 - Collaboration/public involvement
 - USFS
 - BLM – Caliente management plan

- Tulare County
- Data Collection and Sharing
 - Southern Sierra Partnership - climate change adaptation, ecosystem services, etc
- Studies and Research
- **Poso Creek**
 - Collaboration/public involvement
 - USFS
 - BLM – Caliente management plan
 - Tulare County
 - Data Collection and Sharing
 - Southern Sierra Partnership - climate change adaptation, ecosystem services, etc
 - Studies and Research
- **Kern River**
 - Collaboration/public involvement
 - Kern County Water Agency
 - NPS – SEKI
 - USFS
 - BLM – Caliente management plan
 - Tulare County
 - Upper Kern Recreation Management planning
 - Data Collection and Sharing
 - Southern Sierra Partnership - climate change adaptation, ecosystem services, etc
 - Upper Kern Watershed Coordinator (Bob Robinson).
 - Studies and Research



KERN IRWMP

Integrated Regional Water Management Plan

Executive Committee:

William Miller
Co-chair
Mountains/Foothills

October 8, 2009

William Taube
Co-chair
South County

Bobby Kamansky, Project Manager
Sequoia Riverlands Trust
427 S. Garden Street
Visalia, Calif. 93277

Dan Allen
North County

Eric Averett
Kern Fan

Re: Integrated Regional Water Management – Letter of Agreement on
Region Boundaries

Jim Beck
Kern County Water Agency

Dear Mr. Kamansky:

Mark Lambert
Greater Bakersfield Area

Please find enclosed two original region boundary Letter Agreements between
the Kern and Southern Sierra Integrated Regional Water Management Plans.
Please sign both copies and return one to me at:

David Price III
County of Kern

Harry Starkey
Westside

Lauren Bauer
Kern County Water Agency
P.O. Box 58
Bakersfield, CA 93302-0058

If you have any questions, please contact me at (661) 634-1411 or lbauer@kcwa.com.

Sincerely,

Lauren Bauer
Water Resources Planner II

October 7, 2009

State of California
Department of Water Resources
Division of Planning and Local Assistance
Attn. Ralph Svetich
Post Office Box 942836
Sacramento, CA 94236-0001

Dear Mr. Svetich:

**Integrated Regional Water Management -
Letter of Agreement on Region Boundaries**

The Kern and Southern Sierra Regional Water Management Groups (RWMG), through a process of open discussion, collaboration and mutual agreement, have established a common shared boundary. This Letter of Agreement establishes that the Kern and Southern Sierra RWMGs accept this boundary for purposes of defining their respective Integrated Regional Water Management Plan (IRWMP) regions, as set forth in the Department of Water Resources' (DWR) 2009 *Final IRWM Region Acceptance Process Guidelines* (RAP Guidelines).


The shared boundary between the Kern and Southern Sierra RWMGs will follow the Kern-Tulare County line (Attachment 1). In accordance with the RAP Guidelines, this boundary takes into account the water management issues of the two regions, including water quality and supply, environmental stewardship, flood management and drought preparedness, as well as stakeholder concerns and water infrastructure.


The use of the Kern-Tulare County line results in the bisection of the Kern River watershed. The Kern and Southern Sierra RWMGs have both identified water management issues and objectives that are applicable to the entire Kern River watershed, and thus cross this boundary. Subsequently, the Kern and Southern Sierra RWMGs agree to collaborate on water management issues related to the entire Kern River watershed, including, but not limited to the following mutually identified items:

1. Protection of water quality, including headwater protection;
2. Control and/or removal of invasive species;
3. Riparian habitat restoration; and
4. Post-fire restoration
5. The relationship between land use and water quality and quantity

A formal process for collaboration will be defined and agreed to in a second letter agreement to be established once both IRWMPs have adopted their respective long-term governance structures. Until such time, the Kern and Southern Sierra RWMGs agree to continue to actively collaborate in accordance with the existing governance procedures of both RWMGs.

On behalf of the Kern Regional Water Management Group:


William Miller
Kern IRWMP, Co-chair


William Taube
Kern IRWMP, Co-chair

Lead Agency: Kern County Water Agency
Contact: Lauren Bauer, Water Resources Planner II
Phone number: (661) 634-1411

On behalf of the Southern Sierra Regional Water Management Group:


Bobby Kamansky
Southern Sierra IRWMP

Lead Agency: Sequoia Riverlands Trust
Contact: Bobby Kamansky, Project Manager
Phone number: (559) 287-3311

cc: Jim Lin, Department of Water Resources
Tracie Billington, Department of Water Resources

State of California
Department of Water Resources
Division of Planning and Local Assistance
Attn. Ralph Svetich
Post Office Box 942836
Sacramento, CA 94236-0001

Dear Mr. Svetich:

**Integrated Regional Water Management -
Letter of Agreement on Regions Common Shared Areas**

The Madera and Southern Sierra Regional Water Management Groups (RWMG), through a process of open discussion, collaboration and mutual agreement, have established a common shared area. This Letter of Agreement establishes that the Madera and Southern Sierra RWMGs accept this area for purposes of defining their respective Integrated Regional Water Management Plan (IRWMP) regions, as set forth in the Department of Water Resources' (DWR) 2009 *Final IRWM Region Acceptance Process Guidelines* (RAP Guidelines).

The shared area between the Southern Sierra RWMG and the Madera RWMG will be the subwatershed area upstream of Mammoth Pool Reservoir and north of the southern Madera County Line as shown on Attachment 1. The parties will work to maintain communication and collaboration on a variety of watershed-based issues. In accordance with the RAP Guidelines, this area takes into account the water management issues of the two regions, including water quality and supply, environmental stewardship, flood management and drought preparedness, as well as stakeholder concerns and water infrastructure.

The Madera and Southern Sierra RWMGs have both identified water management issues and objectives that are applicable to the entire San Joaquin River watershed. Subsequently, the Madera and Southern Sierra RWMGs agree to collaborate on water management issues related to the entire San Joaquin River watershed, including, but not limited to the following mutually identified items:

1. Protection of water quality, including headwater protection;
2. Control and/or removal of invasive species;
3. Riparian habitat restoration; and
4. Post-fire restoration
5. The relationship between land use and water quality and quantity

Note: A formal process for collaboration will be defined and agreed to in a second letter agreement to be established once both RWMGs have adopted their respective long-term governance structures. Until such time, the Madera and Southern Sierra RWMGs agree to continue to actively collaborate in accordance with the existing governance procedures of both RWMGs.

On behalf of the Madera Regional Water Management Group:

Mr. Michael Neveu, YSPUC

Mr. R. Neveu

Lead Agency: YSPUC

Contact: MICHAEL NEVEU

Phone number: (559) 658-7466

On behalf of the Southern Sierra Regional Water Management Group:

Bobby Kamansky

Lead Agency: Sequoia Riverlands Trust

Contact: Bobby Kamansky, Project Manager

Phone number: (559) 287-3311

cc: Tracie Billington, Department of Water Resources
Jim Lin, Department of Water Resources

**INYO-MONO INTEGRATED REGIONAL WATER MANAGEMENT PLANNING
PROJECT**

TO: Mr. Svetich
State of California
Department of Water Resources
Division of Planning and Local Assistance

FROM: Dr. Mark Drew, Project Manager, Inyo-Mono IRWMP Launch Project

SUBJECT: Integrated Regional Water Management-Letter of Agreement on Regional Boundaries

DATE: 4/1/2009

CC: Tracie Billington, Department of Water Resources
Jim Lin, Department of Water Resources

Dear Mr. Svetich:

This Letter of Agreement establishes that the undersigned Regional Water Management Groups (RWMGs) accept a common shared boundary for purposes of defining their respective IRWM Regions, as set forth in the Department of Water Resources' (DWR) 2009 *Final IRWM Region Acceptance Process Guidelines*. The shared boundary between the South Sierra RWMG and the Inyo-Mono RWMG is defined in the paragraph below.

Shared Boundary Description:

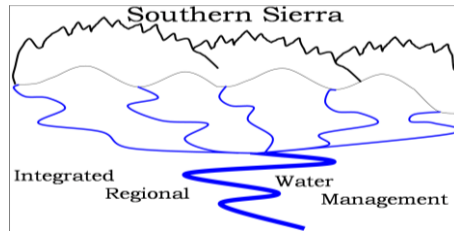
The majority of the shared boundary between the South Sierra RWMG and the Inyo-Mono RWMG will follow the crest of the Sierra Nevada range, which also follows the Inyo and Mono County jurisdictional lines to the east and Tulare and Fresno County jurisdictional lines to the west. In Kern County, the South Sierra and Inyo-Mono RWMGs are separated by the Sierra Nevada crest, a watershed boundary.

On behalf of the South Sierra Regional Water Management Group:


Bobby Kamansky, South Sierra IRWMP Project Manager
Lead Agency: Sequoia Riverlands Trust
Contact: Mr. Bobby Kamansky
Phone number: (559) 298-3311

On behalf of the Inyo-Mono Regional Water Management Group:


Mark Drew, Inyo-Mono IRWMP Launch Project Manager
Lead Agency: California Trout
Contact: Dr. Mark Drew
Phone number: (760) 924-1008



TO: MR. SVETICH
State of California
Department of Water Resources
Division of Planning and Local Assistance
Attn. Ralph Svetich
Post Office Box 942836
Sacramento, CA 94236-0001

FROM: MR. BOBBY KAMANSKY, PROJECT MANAGER

SUBJECT: INTEGRATED REGIONAL WATER MANAGEMENT-LETTER OF AGREEMENT ON
REGIONAL BOUNDARIES

DATE: 9/20/2010

cc: Tracie Billington, Department of Water Resources
Jim Lin, Department of Water Resources

Dear Mr. Svetich:

This Letter of Agreement establishes that the undersigned Regional Water Management Groups (RWMGs) accept a common shared boundary for purposes of defining their respective IRWM Regions, as set forth in the Department of Water Resources' (DWR) 2009 *Final IRWM Region Acceptance Process Guidelines*. The shared boundary between the South Sierra RWMG and the Tule RWMG is defined in the paragraph below.

Shared Boundary Description:

In the Tule River Area, the SSIRWMP boundary includes the Tule River Indian Reservation and down to approximately the 600-foot contour in all forks of the Tule and squared to section lines. The Tule IRWMP planning area will follow irrigated lands while the SSIRWMP will follow rangeland in the mountains.

The parties will work to maintain communication and collaboration on a variety of watershed-based issues.

On behalf of the South Sierra Regional Water Management Group:

Lead Agency: Sequoia Riverlands Trust
Contact: Mr. Bobby Kamansky
Phone number: (559) 287-3311

On behalf of the Tule Regional Water Management Group:

Lead Agency:

Contact: David Hoffman

Phone number: